



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CHUNG ET AL. Examiner: UNKNOWN  
Serial No.: 10/757,924 Group Art Unit: UNKNOWN  
Filed: JANUARY 14, 2004 Docket: 758.1149USC1  
Due Date: APRIL 14, 2004  
Title: POLYMER, POLYMER MICROFIBER, POLYMER NANOFIBER AND APPLICATIONS  
INCLUDING FILTER STRUCTURES

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 25, 2004.

By: *Kristine A. Wacker*

Name: *Kristine A. Wacker*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 3 Reference(s)
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: *Mark DiPietro*

Name: Mark DiPietro

Reg. No.: 28,707

MDiPietro:PLSkaw



10/757,924

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CHUNG ET AL.	Examiner:	UNKNOWN
Serial No.:	10/757,924	Group Art Unit:	UNKNOWN
Filed:	JANUARY 14, 2004	Docket No.:	758.1149USC1
Title:	POLYMER, POLYMER MICROFIBER, POLYMER NANOFIBER AND APPLICATIONS INCLUDING FILTER STRUCTURES		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 25, 2004.

By:

Name:

*Kathleen A. Wenzel*  
*Kathleen A. Wenzel*

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

As this application was filed after June 30, 2003 (37 C.F.R. § 1.98(a)(2)(i)), and in accordance with 37 C.F.R. § 1.98(a)(2) and § 1.98(d), copies have been provided only for those foreign patent documents or other documents listed on the enclosed Form 1449 that have not been previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 09/871,583 filed on May 31, 2001.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.


Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: 25 March 2004

Mark DiPietro  
Mark DiPietro  
Reg. No. 28,707  
MD:PLSkaw



<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	567,399	09/08/1896	Laws			
	2,169,250	08/15/1939	Izard			
	2,384,947	09/18/1945	Matheson			
	2,443,450	06/15/1948	Graham et al.			
	2,484,523	10/11/1949	McClellan			
	2,835,341	05/1958	Parker, Jr.			
	2,980,204	04/1961	Jordan			
	3,102,793	09/1963	Alban			
	3,236,679	02/1966	Spiller et al.			
	3,251,475	05/1966	Till et al.			
	3,258,900	07/1966	Harms			
	3,284,178	11/08/1966	Timmer et al.			
	3,360,598	12/1967	Earnhart			
	3,565,979	02/1971	Palmer			
	3,570,675	03/1971	Pall et al.			
	3,591,010	07/06/1971	Pall et al.			
	3,596,441	08/1971	Lundahl			
	3,689,608	09/1972	Hollberg et al.			
	3,745,748	07/1973	Goldfield et al.			
	3,755,527	08/1973	Keller et al.			
	3,772,136	11/1973	Workman			
	3,825,380	07/1974	Harding et al.			
	3,839,529	10/1974	Serres et al.			
	3,851,023	11/1974	Brethauer et al.			
	3,888,610	06/1975	Brackmann et al.			
	3,980,605	09/14/1976	Steigelmann et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

	3,994,258	11/1976	Simm			
	4,011,067	03/1977	Carey, Jr.			
	4,020,230	04/1977	Mahoney et al.			
	4,032,688	06/28/1977	Pall			
	4,070,519	01/24/1978	Lefkowitz et al.			
	4,143,196	03/1979	Simm et al.			
	4,148,595	04/1979	Bednarz			
	4,210,615	07/1980	Engler et al.			
	4,215,682	08/1980	Kubik et al.			
	4,223,101	09/1980	Fine et al.			
	4,230,650	10/1980	Guignard			
	4,278,623	07/1981	Niegisch			
	4,290,987	09/1981	Soehngen et al.			
	4,323,525	04/1982	Bornat			
	4,340,479	07/1982	Pall			
	4,370,290	01/1983	Makino et al.			
	4,468,428	08/1984	Early et al.			
	4,469,606	09/04/1984	Reid et al.			
	4,476,186	10/09/1984	Kato et al.			
	4,594,162	06/10/1986	Berger			
	4,650,506	03/1987	Barris et al.			
	4,689,186	08/1987	Bornat			
	4,824,451	04/1989	Vogt et al.			
	4,826,519	02/1989	Miyagi et al.			
	4,842,505	06/1989	Annis et al.			
	4,842,924	06/1989	Farris et al.			
	4,860,382	08/29/1989	Markwell			
	4,874,399	10/1989	Reed et al.			
	4,900,671	02/1990	Pokora et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

	4,915,886	04/1990	Repetti et al.			
	4,917,942	04/17/1990	Winters			
	4,929,502	05/1990	Giglia			
	4,992,515	02/1991	Ballard			
	5,026,591	06/25/1991	Henn et al.			
	5,082,476	01/1992	Kahlbaugh et al.			
	5,104,537	04/1992	Stifelman et al.			
	5,166,246	11/24/1992	Gallucci et al.			
	5,176,952	01/05/1993	Joseph et al.			
	5,198,294	03/30/1993	Masuda et al.			
	5,203,201	04/1993	Gogins			
	5,238,735	08/1993	Nagou et al.			
	5,269,925	12/14/1993	Broadhurst			
	5,273,565	12/1993	Milligan et al.			
	5,340,522	08/23/1994	Taniguchi et al.			
	5,358,638	10/25/1994	Gershenson			
	5,364,456	11/1994	Kahlbaugh et al.			
	5,411,576	05/1995	Jones et al.			
	5,437,910	08/01/1995	Raabe et al.			
	5,453,314	09/26/1995	Collier et al.			
	5,466,515	11/14/1995	Blauer et al.			
	5,472,481	12/1995	Jones et al.			
	5,496,507	03/1996	Angadjivand et al.			
	5,593,768	01/14/1997	Gessner			
	5,597,645	01/28/1997	Pike et al.			
	5,633,746	05/27/1997	Sekiya et al.			
	5,672,188	09/30/1997	Choi			
	5,672,399	09/1997	Kahlbaugh et al.			
	5,763,078	06/09/1998	Braun et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

	5,800,586	09/01/1998	Cusick et al.			
	5,820,646	10/1998	Gillingham et al.			
	5,843,442	12/01/1998	Soule et al.			
	5,853,442	12/1998	Glen et al.			
	5,863,701	01/1999	Mertesdorf			
	5,895,510	04/20/1999	Butler et al.			
	5,908,598	06/1999	Rousseau et al.			
	5,919,847	07/1999	Rousseau et al.			
	5,948,344	09/07/1999	Cusick et al.			
	5,954,849	09/1999	Berkhoel et al.			
	5,968,635	10/1999	Rousseau et al.			
	5,976,208	11/1999	Rousseau et al.			
	5,980,755	11/09/1999	Roberts et al.			
	5,980,759	11/09/1999	Proulx et al.			
	5,981,038	11/09/1999	Weimer et al.			
	5,993,501	11/30/1999	Cusick et al.			
	5,993,580	11/30/1999	Nakayama et al.			
	6,002,017	12/1999	Rousseau et al.			
	6,015,764	01/18/2000	McCormack et al.			
	6,032,807	03/07/2000	Sternberg et al.			
	6,037,281	03/14/2000	Mathis et al.			
	6,048,661	04/2000	Nishi et al.			
	Des. 425,189	05/2000	Gillingham et al.			
	6,068,799	05/2000	Rousseau et al.			
	6,090,173	07/18/2000	Johnson et al.			
	6,110,249	08/29/2000	Medcalf et al.			
	6,123,751	09/26/2000	Nelson et al.			
	6,134,718	10/24/2000	Sesselmann			
	6,171,684 B1	01/09/2001	Kahlbaugh et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

	6,192,520 B1	02/27/2001	Underwood et al.			
	6,193,773 B1	02/27/2001	Schlör et al.			
	6,322,604 B1	11/27/2001	Midkiff			
	6,354,443 B1	03/12/2002	Moya			
	6,395,046 B1	05/28/2002	Emig et al.			
	2002/0084178 A1	07/04/2002	Dubson et al.			
	2002/0192468 A1	12/19/2002	Choi			
	2003/0088266 A1	05/08/2003	Bowlin			
	2003/0141261 A1	07/31/2003	Koslow			
	6,604,925 B1	08/12/2003	Dubson et al.			
	2003/0177909 A1	09/25/2003	Koslow			
	6,630,016 B2	10/07/2003	Koslow			
	2003/0195611 A1	10/16/2003	Greenhalgh et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	299 07 699 U1	09/16/1999	DE				X
	0 351 046 A2	01/17/1990	EP				
	0 489 395 A1	06/10/1992	EP				
	0 811 412 A1	12/10/1997	EP				
	1 048 335 A1	11/02/2000	EP			X	
	584,985	01/28/1947	GB				
	745,030	02/1956	GB				
	969,327	08/1960	GB				
	854,987	11/23/1960	GB				
	1 376 756	12/11/1974	GB				
	1 379 875	01/08/1975	GB				
	47003712 B	02/01/1972	JP			abstract only	
	50075652 A2	06/20/1975	JP			abstract only	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

	52081343 A	07/07/1977	JP			abstract only	
	62289664 A	12/16/1987	JP			abstract only	
	05195322 A2	08/03/1993	JP			Abstract	
	05239778 A2	09/17/1993	JP			Abstract	
	06057530 A2	03/01/1994	JP			Abstract	
	06057531 A2	03/01/1994	JP			Abstract	
	06264301 A2	09/20/1994	JP			Abstract	
	6509765	01/30/1967	NL				X
	WO 94/18364	08/18/1994	PCT				
	WO 98/25709	06/18/1998	PCT				
	WO 99/16532	04/1999	PCT				
	WO 99/62705	12/09/1999	PCT				
	WO 00/01737	01/2000	PCT				
	WO 00/74877 A1	12/14/2000	PCT				
	WO 01/51690 A1	07/19/2001	PCT				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Adanur, S. et al., "Recovery and Reuse of Waste PVC Coated Fabrics. Part 1: Experimental Procedures and Separation of Fabric Components", <i>Jour. of Coated Fabrics</i> , Vol. 28, pp. 37-55 (July 1998)
	Angelo, R. et al., "Preparation and Characterization of Selectively Isotopically Labeled Nylon 66 Polymers", <i>Macromolecules</i> , Vol. 22, pp. 117-121 (1989)
	Basutkar, P. et al., "Synthesis and Characterization of Phenylated Aromatic Poly(amide-amides)s", <i>Jour. of Applied Polymer Science</i> , Vol. 68, pp. 1523-1530 (1998)
	Baumgarten, P., "Electrostatic Spinning of Acrylic Microfibers", <i>Jour. of Colloid and Interface Science</i> , Vol. 36, No. 1, 9 pages (May 1971)
	Benavente, J. et al., "Electrical Properties of Modified Aromatic Polyamide Membranes", <i>Separation Science and Technology</i> , Vol. 32, No. 13, pp. 2189-2199 (1997)
	Bognitzki, M. et al., "Polymer, Metal and Hybrid Nano- and Mesotubes by Coating of Degradable Polymer Template Fibers (Turf-process)", Philipps-University Marburg, Department of Chemistry, Mainz, Germany, pp. 45 and 46 (Date Unknown)
	Bognitzki, M. et al., "Submicrometer Shaped Polylactide Fibers by Electrospinning", Philipps-University Marburg, Department of Chemistry, Mainz, Germany, pp. 115 and 116 (Date Unknown)
	Chun, I. et al., "Carbon Nanofibers from Polyacrylonitrile and Mesophase Pitch", <i>Jour. of Advanced Materials</i> , Vol. 31, No. 1, pp. 36-41 (January 1999)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 758.1149USCI	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

		Declaration of Doug Crofoot with Exhibits A and B, dated September 10, 2001
		Deitzel, J. et al., "Generation of Polymer Nanofibers Through Electrospinning", <i>Army Research Labm Aberdeen Proving Ground, MD 21005-5066</i> , ARL-TR-1898, pp 1-36 (June 1999)
		Dhawan, S. et al., "Conducting Fabrics as a Shield Against Electromagnetic Interference (EMI)", <i>Jour. of Coated Fabrics</i> , Vol. 28, pp. 29-36 (July 1998)
		Donaldson® Brochure, Ultra-Web® "Premium Quality-High Efficiency Filters", 4 pages (1994)
		Donaldson Brochure, Donaldson® Gas Turbine Systems, DZ2000™ Panel Filters with Spider-Web® Filter Media, 4 pages (1997)
		Donaldson Brochure, "Eon™ Fine Fiber Technology by Donaldson, 6 pages (1999)
		Donaldson® Brochure, Tech Topics, "Do Spider-Web Replacement Filters Really 'Cost' Extra? Analysis Shows How Savings form High Performance Far Outweigh a Premium Price", 2 pages (July 1999)
		Donaldson® Brochure, Filtration Solutions for Gas Turbines, Generators, and Compressors , "DZ2000 Air Filter Media, The Longer Life, Higher Value Filter Media for Gas Turbine Inlet Air Filter Systems", 4 pages (December 2000)
		Doshi, J., "The Electrospinning Process and Applications of Electrospun Fibers", <i>UMI Dissertation Services</i> , University of Akron, pp. 1-170, including sections (August 1994)
		Fang, X., "Application of Electrospinning for Polymers", <i>UMI Dissertation Services</i> , University of Akron, pp. 1-168, including sections (August 1997)
		Gibson, P. et al., "Electrospinning Technology: Direct Application of Tailorable Ultrathin Membranes", <i>Jour. of Coated Fabrics</i> , Vol. 28, pp. 63-72 (July 1998)
		Giessmann, A. et al., "Multipurpose Production Line for the Coated Textile Industry", <i>Jour. of Coated Fabrics</i> , Vol. 28, pp. 56-62 (July 1998)
		Huang, M. et al., "The Modification of Nylon 6 by a Phenol-Formaldehyde Resin", <i>Jour. of Applied Polymer Science</i> , Vol. 48, pp. 563-572 (1993)
		Huang, P. "Modification of Nylon 6 by Phenol-Containing Polymers", <i>Jour. of Applied Polymer Science</i> , Vol. 73, pp. 295-300 (1999)
		Huang, R. et al., "Crosslinked Blended Poly(vinyl alcohol)/N-Methylol Nylon-6 Membranes for the Pervaporation Separation of Ethanol-Water Mixtures", <i>Jour. of Applied Polymer Science</i> , Vol. 70, pp. 317-327 (1998)
		Kim, J. et al., "Polybenzimidazole Nanofiber Produced by Electrospinning", <i>Polymer Engineering And Science</i> , Vol. 39, No. 5, pp. 849-854 (May 1999)
		Kirichenko, V. et al., "Acceleration of a Free Jet of Low-conducting Liquid in an Electric Field", <i>Sov. Phys. Dokl.</i> , Vol. 35, No. 12, pp. 1018-1020 (December 1990)
		Kirichenko, V. et al., "Charge Transfer due to the Electrohydrodynamic Atomization of a Liquid", <i>Sov. Phys. Dokl.</i> , Vol. 33, No. 8, pp. 564-566 (August 1988)
		Kirichenko, V. et al., "Domains of Existence of Free, Stationary Liquid Jets in a Strong External Electric Field", <i>Sov. Phys. Dokl.</i> , Vol. 32, No. 7, pp. 544-547 (July 1987)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

		Kirichenko, V. et al., "Gas Flow and Filtration Through Permeable Channel Walls", <i>Phys. Dokl.</i> , Vol. 38, No. 4, pp. 139-141 (April 1993)
		Kirichenko, V. et al., "Shape of a Free, Stationary Liquid Jet in a Strong Uniform Electric Field", <i>Sov. Phys. Dokl.</i> , Vol. 32, No. 7, pp. 546-547 (July 1987)
		Kirichenko, V. et al., "Specific Charge of the Liquid in Electrohydrodynamic Atomization and Microfilament Forming Processes", <i>Sov. Phys. Dokl.</i> , Vol. 35, No. 12, pp. 1015-1020 (December 1990)
		Kirichenko, V. et al., "Transverse Splitting of a Liquid Jet in a Strong Electric Field", <i>Sov. Phys. Dokl.</i> , Vol. 33, No. 9, pp. 653-654 (September 1988)
		Mahajan, S. et al., "Fibrillation Behavior of Oriented Tapes of Polyethylene and Its Blends. IV", <i>Jour. of Applied Polymer Science</i> , Vol. 60, pp. 1551-1560 (1996)
		Marijnissen, J., "Electrosprays with Applications in Aerosol Technology and Material Synthesis", 1994 International Aerosol Conference Tutorial Sessions, Los Angeles, California, pp. 1-67 (August 29, 1994)
		Maslowski, E. et al., "New Processes for Fiber-Like PE Structures", <i>Fiber World</i> , pp. 12-14 (March 1987)
		National Textile Center, "Electrostatic Spinning and Properties of Ultrafine Fibers", <a href="http://www.ntcresearch.org/currently/year8/M98-DOI.htm">http://www.ntcresearch.org/currently/year8/M98-DOI.htm</a> , last updated 05/19/1999, pp. 1-4
		Ohzawa, Y. et al., "Studies on Dry Spinning. I. Fundamental Equations", <i>Jour. of Applied Polymer Science</i> , Vol. 13, pp. 257-283 (1969)
		Ohzawa, Y. et al., "Studies on Dry Spinning. II. Numerical Solutions for Some Polymer-Solvent Systems Based on the Assumption that Drying is Controlled by Boundary-Layer Mass Transfer", <i>Jour. of Applied Polymer Science</i> , Vol. 14, pp. 1879-1899 (1970)
		Oleinik, V. et al., "Formation of ester bonds during the thermal treatment of fibers from mixtures of poly(vinyl alcohol) and polyacrylic acid," <i>Khimicheskaya Promyshlennost Ukrainy</i> , Russian Edition Vol. 3, abstract page only (1968)
		Petryanov, I. et al., "Adhesion of Finely Dispersed Particles to the Surface of Coating Materials", <i>Translated from Doklady Akademii Nauk SSSR</i> , Vol. 288, No. 5, pp. 515-51, Original Article submitted July 3, 1985.
		Reneker, D. et al., "Nanometre diameter fibres of polymer, produced by electrospinning," <i>Nanotechnology</i> , Vol. 7, pp. 216-223 (1996)
		SBCCOM-Natick Public Affairs, "Army Teams with Universities to Develop Electrospun Membranes and Fabrics for Soldier Protection", <a href="http://www.Natick.army.mil/pao/1998/98-26.htm">http://www.Natick.army.mil/pao/1998/98-26.htm</a> , last updated 0/27/00, pp. 1-2
		Shambaugh, R., "A Macroscopic View of the Melt-Blowing Process for Producing Microfibers", <i>Ind. Eng. Chem. Res.</i> , Vol. 27, No. 12, pp. 2363-2372 (1988)
		Shepelev, A. et al., "Polymeric Fiber Materials for Fine Cleaning of Gases", <i>J. Aerosol Sci., Suppl. 1</i> , Vol. 26, pp. 5919-5920, (1995)
		Shieh, J. et al., "Preparation of N-Methylol Nylon-6 Membranes for Pervaporation of Ethanol-Water Mixtures", <i>Department of Chemical Engineering, University of Waterloo, Ontario N2L 3G1, Canada</i> , pp. 855-863 (Received 24 June 1996)
		Sioen, J., "The Coating Company of the Future", <i>Jour. of Coated Fabrics</i> , Vol. 28, pp. 73-79 (July 1998)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 758.1149USC1	Application Number: 10/757,924
	Applicant: CHUNG ET AL.	
	Filing Date: 01/14/2004	Group Art Unit: UNKNOWN

		Smith, J., "Cellulose Acetate Fibrets: a Fibrillated Pulp with High Surface Area", <i>Tappi Journal</i> , pp. 185-193 (December 1988)
		Smith, R. et al., "Phase Behavior and Reaction of Nylon 6/6 in Water at High Temperatures and Pressures", <i>Jour. of Applied Polymer Science</i> , Vol. 76, pp. 1062-1073 (2000)
		Supplemental Declaration of Douglas G. Crofoot filed in U.S. Patent Application Serial No. 09/871,156
		"Survey of Soluble Polyamide Patents", RT-2488-R, pp 1-6 (October 14, 1954)
		Taylor, G., "Viscosity And Molecular Weight of Nylon, "The Relation of the Viscosity of Nylon Solutions in Formic Acid to Molecular Weight as Determined by End-Group Measurements", <i>Contribution From The Chemical Department, Experimental Station, E.I. Du Pont De Nemours &amp; Company</i> , pp. 635-637 (March 1947)
		Wadsworth, L. et al., "Development of Highly Breathable and Effective Blood/Viral Barrier Laminates of Microporous Films, Staple Fibers and Nonwovens", <i>Jour. of Coated Fabrics</i> , Vol. 28, pp. 12-28 (July 1998)
		Wang, F. et al. "Hydrogen Bonding in Polyamide Toughened Novolac Type Phenolic Resin", <i>Jour. of Applied Polymer Science</i> , Vol. 74, pp. 2283-2289 (1999)
		Wang, H. et al., "Synthesis and Properties of Nylon 6 Modified with Various Aromatic Polyamides", <i>Jour. of Applied Polymer Science</i> , Vol. 68, pp. 1031-1043 (1998)
		Wente, V., "Superfine Thermoplastic Fibers", <i>Industrial And Bio Chemistry</i> , Naval Research Laboratory, Washington 25, D.C., Vol. 48, No. 8, pp 1342-1346 (August 1986)

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	